

19980708.qrp v01_n146.qrs.980708

Date: Wed, 8 Jul 1998 19:03:16 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1146

QRP-L Digest 1146

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- 1) [14588] Re: Outbacker Antenna
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- 2) [14589] Re: NC 20
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 3) [14590] SW30/40+ Question
by joel malman <malman@world.std.com>
- 4) [14591] WTB
by ac5ez@webtv.net (Larry B)
- 5) [14592] foreign ham calls
by "Peter C. Buehner" <kc8er@harborcom.net>
- 6) [14593] MFJ-411 Tutor
by mykey@aztec.asu.edu (MICHAEL C. TODD)
- 7) [14594] WTD: TT 515, TT 210, & TT 206
by "Bill NT1R" <wlegge1@maine.rr.com>
- 8) [14595] Re: SW30/40+ Question
by Michael Maiorana <mikemo@ibm.net>
- 9) [14596] RE: Need Hako soldering station info (are U sure ?)
by Conrad <radman@best.com>
- 10) [14597] Guitar Picks for keyers
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 11) [14598] SG-2020 HF low-power rig?
by ke3fl@juno.com
- 12) [14599] Dentron Tuner
by "Leonard J. Barish" <barish@kutztown.edu>
- 13) [14600] Re: SGC2020
by "George T. Baker" <w5yr@swbell.net>
- 14) [14601] RE: CB-10M conversion, how much interest?
by Edward Gardner <egardner@aiusa.com>
- 15) [14602]
by chrisfresh@juno.com
- 16) [14603] RE: Strange AM Boardcasat CW Transmission...
by "Adam B. Kanis" <adam-kanis@uiowa.edu>
- 17) [14604] guitar pick paddles
by Ab7wy@aol.com
- 18) [14605] Re: Dentron Tuner
by Ken Lopez <kjlopez@earthlink.net>
- 19) [14606] UOC NDB (Strange AM broadcast...)

by kb9iua@juno.com (Kevin L Anderson)
20) [14607] Re: Dentron Tuner
by olyellr@iglou.com
21) [14608] Re: Attachments
by "Frank Grigaliunas" <fgrig@iea.com>
22) [14609] Re: NC 20
by Paul Helbert <phelbert@rica.net>
23) [14610] Re: Guitar Picks for keyers
by Wa2eaw@aol.com
24) [14611] QRP-Nets
by Thomas Roth <th.roth@apc.de>
25) [14612] Re: Guitar Picks for keyers
by "Michael Connor" <mikec@primenet.com>
26) [14613] Re: Guitar Picks for keyers
by Ab7wy@aol.com
27) [14614] pick thread
by Ab7wy@aol.com
28) [14615] Re: NC 20
by Scott Bauer <ke3nv@erols.com>
29) [14616] 28 Mhz beacons
by n4so@juno.com (charles k brown)
30) [14617] Tektronix manuals/repairs
by n4so@juno.com (charles k brown)
31) [14618] CB to 10M (the Heathens are commin' !)
by Conrad <radman@best.com>
32) [14619] Re: Guitar Picks for keyers
by DYARNES@aol.com
33) [14620] SW-30+ tuning
by joel malman <malman@world.std.com>
34) [14621] Re: Outbacker Antenna
by "Frank A. West" <ke6vhm@earthlink.net>
35) [14622] Re: Dentron Tuner
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
36) [14623] Re: foreign ham calls
by K4AHK@ix.netcom.com
37) [14624] Re: Dentron Tuner
by Dave Marling <dbm@klis.com>
38) [14625] Re: A Wide Range VXO
by K4AHK@ix.netcom.com
39) [14626] Re: foreign ham calls
by "dave r" <elim@ime.net>
40) [14627] Freq Mite
by N8mgu@aol.com
41) [14628] RE: Strange AM Boardcasat CW Transmission...
by cy r currier <crc3@telplus.net>
42) [14629] Re: Freq Mite
by adams@chuck.dallas.sgi.com (Chuck Adams)
43) [14630] Freq Mite

by "Wilford D. Lindsey" <70511.3041@compuserve.com>
44) [14631] RE: Halfwave, end-fed antenna questions
by cjl@mail09.mitre.org (Charles J. Ludinsky)
45) [14632] CB to 10 Caution
by nq2rp@juno.com (B/BAMS Club Station)
46) [14633] Re: Halfwave, end-fed antenna questions
by cjl@mail09.mitre.org (Charles J. Ludinsky)
47) [14634] RE: Halfwave, end-fed antenna questions
by cjl@mail09.mitre.org (Charles J. Ludinsky)
48) [14635] Elmer 101 SW 40+ Report
by John Bohnert <johnb@elmhurst.edu>
49) [14636] 10 meter AM
by "Bryan Turner" <turnerw@email.uah.edu>
50) [14637] Re: SOME DELTA INFO
by "Edward A Kwik jr" <eakwikjr@hti.com>
51) [14638] Re: SW-30+ tuning
by "George T. Baker" <w5yr@swbell.net>
52) [14639] Re: Elmer 101 SW 40+ Report
by Michael Maiorana <mikemo@ibm.net>
53) [14640] Re: SOME DELTA INFO
by Vic Rosenthal <rakefet@rakefet.com>
54) [14641] RE: Outbacker Antenna et al
by Jay & Jackie <jayboy@empnet.com>
55) [14642] Re: A Wide Range VXO
by "Eugene Hall" <evhall@ix.netcom.com>
56) [14643] Re: SOME DELTA INFO
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
57) [14644] Glacier/Waterton Hamfest
by Bruce Rattray <rattray@gpfn.sk.ca>
58) [14645] Re: Soundcard programs
by PDouglas12@aol.com
59) [14646] 10m conversion info
by tom whalen <whalen@swcp.com>
60) [14647] Re: Soundcard programs
by Bill Jones <kd7s@psnw.com>
61) [14648]
by "K. Babcock" <casey@mufn.org>
62) [14649] Re: SLV Antenna Info
by Bill Jones <kd7s@psnw.com>
63) [14650] Ground reflections
by Tellefsen Bob-CNSE97 <cns97@lmpsil02.comm.mot.com>
64) [14651] REMINDER SIMPLE ANTENNA NITE
by ARDUJENSKI@aol.com
65) [14652] Shielded 3 wire cable
by Tellefsen Bob-CNSE97 <cns97@lmpsil02.comm.mot.com>
66) [14653] NC20 availability
by "Allan G. Taylor" <ataylor@heracles.llnl.gov>
67) [14654] Elmer 101: Low sensitivity - solved!

by Stewart Whitehouse <STEW_W@compuserve.com>
68) [14655] Fish Story or Know
by "DJ Rock" <b2bn@hotmail.com>
69) [14656] Re: SGC2020
by Steven Weber <kd1jv@moose.ncia.net>
70) [14657] Re: NC20 availability
by John Evans - N0HJ <jaevans@codenet.net>
71) [14658] Lost URL...
by Chris Ingham <cingham@vela.com>
72) [14659] Not Wrong
by joel malman <malman@world.std.com>
73) [14660] Mouse paddles for portable use
by David Ek <ekdave@earthlink.net>
74) [14661] Re: Mouse paddles for portable use
by "Kelly Ellison" <kelman@dialnet.net>
75) [14662] Re: N/T+ AM
by Steven Weber <kd1jv@moose.ncia.net>
76) [14663] Above 20M Kits
by adams@chuck.dallas.sgi.com (Chuck Adams)
77) [14664] 6 Meters Modifications List
by n4so@juno.com (charles k brown)
78) [14665] NC20 Comments
by adams@chuck.dallas.sgi.com (Chuck Adams)
79) [14666] Re: Strange AM Boardcasat CW Transmission...
by "George T. Baker" <w5yr@swbell.net>
80) [14667] Re: NC20 Comments
by James P Rybak <jrybak@mesa7.mesa.colorado.edu>
81) [14668] Re: Mouse paddles for portable use
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
82) [14669] Re: Fish Story or Know
by W7LS <w7ls@blarg.net>
83) [14670] WTB: TenTec 9MHz Filters
by Gary Hembree <Gary.Hembree@asu.edu>
84) [14671] NF3I/7 - Arizona, NF3I/0 - Minnesota, lots of days...
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
85) [14672] How do you get a Nor cal 20?
by RangerSF5@aol.com
86) [14673] Re: NE602/SA602.
by "laura halliday" <marsgal42@hotmail.com>
87) [14674] Screwdriver Antenna?
by "Laurent C. Lafond" <aa1qj@ids.net>
88) [14675] /MM
by Brad Mugleston <bmug@gwl.com>
89) [14676] N4BP Field Day 1A Battery
by Bob Patten <n4bp@bc.seflin.org>
90) [14677] Re: Strange AM Boardcasat CW Transmission...
by bcutter@teal.csn.net (Bob Cutter)
91) [14678] Re: /MM

by Mike Souhrada <wb9iog@revealed.net>
92) [14679] Re: Screwdriver Antenna?
by Paul Helbert <phelbert@rica.net>
93) [14680] (Fwd) Guestbook Entry
by "Marshall Emm" <mgemm@mtechnologies.com>
94) [14681] QUESTION... FEEDING THE BI-SQUARE... Wire/Rope/Trees
by jdenison@morelr.com (JOEL DENISON)
95) [14682] MM VIA KAYACK
by jdenison@morelr.com (JOEL DENISON)
96) [14683] RE: N/T+ AM
by "Hulbert, Nick" <nick.hulbert@lmco.com>

Date: Tue, 07 Jul 1998 18:23:27 -0500
From: Wayne Alexander <walexander@wwn.net>
To: DENNISMO@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [14588] Re: Outbacker Antenna
Message-ID: <3.0.3.32.19980707182327.006ae198@pop.wwn.net>
Mime-Version: 1.0
Content-Type: text/enriched; charset="us-ascii"

I use an Outbacker Perth and it works great. I can work the whole 20m band without tuning it, the SWR is about 1.8 to 1 at the top of the band. Not bad I think, But everyone has there own opinion.

At 01:30 PM 7/7/98 EDT, you wrote:

>Hi All -

>

>Is there anyone on this list using or have used the Alpha Delta Outbacker

>vertical antenna? They aren't cheap - not even inexpensive (:8^>) but one of

>several different models with the "Outpost" tripod could be a very nice QRP

>Mini-DXpedtion antenna as well as a mobile QRP/QRO mobile antenna.

>

>Any opinions or comments out there?

>

>

>72 de Denny AD6EZ <<><<

>PROMISE KEEPER

>

>FISTS #4570 / QRP-L #1359 / ARCI #9637 / sCQs #44 / 10-X #69158 / Six Club

>#242

>HAMing It Up Everyday In Goleta, CA

>Grid: DM04BK / WEB PAGE: <http://members.aol.com/dennismo>

>

>

<paraindent><param>out</param>73

</paraindent>KB0PTE

Wayne

QRP-L #1058

FISTS # 4907

Date: Tue, 7 Jul 1998 16:31:07 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <w_hill@ns.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [14589] Re: NC 20
Message-ID: <15fa01bda9ff\$50ebb0a0\$140a0a0a@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>Does anyone know the status of the NorCal 20? I haven't seen
anything on
>it for sometime.
>
Ward Hill

Ward --

Dave and the rest of the team have been working on some enhancements to the design based on our on-air testing of the first prototypes. Prototype Round Two will probably be sometime this month, so things are still on schedule. According to the schedule (see the NorCal web page), Jim Cates will be accepting orders in August, and the units should ship around Pacificon time in October.

I performed some more scientific research on the prototype during the last hour of Field Day. My daughter and I built a 20 meter dipole on Saturday afternoon of Field Day, and strung it about 15 feet up in the back yard. I worked about twenty FD stations across the country on Sunday morning using that and the NC20.

Mike K1MG

Date: Tue, 07 Jul 1998 20:11:42 -0400
From: joel malman <malman@world.std.com>
To: qrp-l@Lehigh.EDU
Cc: malman@world.std.com
Subject: [14590] SW30/40+ Question
Message-ID: <199807080011.AA08882@world.std.com>

If anyone has a working SW30/40+ ... Does the tuning knob decrease or increase the frequency when tuning clockwise?

My SW30+'s frequency goes DOWN when turning the tuning knob clockwise. When the tuning is at fully counter clockwise, I receive 10.100, as I turn "up" the frequency goes down, down, down...

There is plenty of output (both RF and audio), so I'm pretty sure most (?) of the board stuffing and tuneup is correct.

Anyone see this problem before? Thanks.

/joel wa1qvm (Concord, Mass)

Date: Tue, 7 Jul 1998 19:12:00 -0500 (CDT)
From: ac5ez@webtv.net (Larry B)
To: qrp-1@Lehigh.EDU
Subject: [14591] WTB
Message-ID: <22976-35A2B950-23@mailtod-122.bryant.webtv.net>
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

Looking for a Mfj 9040 with keyer and filter

Larry Ac5ez
Qcwa

Date: Tue, 7 Jul 1998 20:29:20 -0400
From: "Peter C. Buehner" <kc8er@harborcom.net>
To: <qrp-1@Lehigh.EDU>
Subject: [14592] foreign ham calls
Message-ID: <012b01bdaa07\$73b6e160\$574c44ce@ppp.harborcom.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello everyone.

Does anybody know if there is an "on-line" QSL resource for looking up
foreign ham radio callsigns?

Thanks

de Pete, KC8ER

Date: Tue, 07 Jul 1998 17:29:36 -0700 (MST)
From: mykey@aztec.asu.edu (MICHAEL C. TODD)
To: qrp-1@Lehigh.EDU
Cc: mykey@aztec.asu.edu
Subject: [14593] MFJ-411 Tutor
Message-ID: <9807080029.AA01937@aztec.asu.edu>

The MFJ-411 Tutor has been spoken for. Thanks for all the inquiries.

W9UQB Mike

--

Date: Tue, 7 Jul 1998 20:47:35 -0400
From: "Bill NT1R" <wlegge1@maine.rr.com>
To: <tentec@contesting.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [14594] WTD: TT 515, TT 210, & TT 206
Message-ID: <199807080045.UAA24058@proxyb1-atm.maine.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

W1XV asked me to post this for him, he isn't computerized. Brad is in need of a TT 210 p/s and a TT 206 xtal calibrator for his 509. He is also looking for a TT 515. He can be reached a 603-224-5737 or let me know and I will pass on your name and number. 73 Bill

Date: Tue, 07 Jul 1998 21:03:26 -0400
From: Michael Maiorana <mikemo@ibm.net>
To: malman@world.std.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [14595] Re: SW30/40+ Question
Message-ID: <35A2C55E.47EF67AF@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

joel malman wrote:

>
> If anyone has a working SW30/40+ ... Does the tuning knob decrease or
> increase the frequency when tuning clockwise?
>
> My SW30+'s frequency goes DOWN when turning the tuning knob clockwise.
> When the tuning is at fully counter clockwise, I receive 10.100, as I turn
> "up" the frequency goes down, down, down...

The tuning control is just a pot used as a voltage divider. Swap the wires on pins 1 and 3 of J2. This should reverse the tuning direction. It will not change the tuning range however. If the range is incorrect you need to adjust the VFO as per the manual.

72 de ku4qo
Mike Maiorana

Date: Tue, 07 Jul 98 18:09:21 -0700
From: Conrad <radman@best.com>
To: JBurnley@ifmc.org, qrp-1@Lehigh.EDU
Subject: [14596] RE: Need Hako soldering station info (are U sure ?)
Message-ID: <199807080108.SAA05620@proxy3.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi John,

Are you sure of the Hako model number? Techni-tool lists the P939 solder station for \$336.95. Sounds like *too* good of a deal at \$92.00, eh?

URL: <http://www.techni-tool.com/>

Let us know :) ps... Hako makes very nice equipment IMHO....

72 - Conrad - NN6CW

-----Original Message-----

From: John Burnley [SMTP:JBurnley@ifmc.org]
Sent: Tuesday, July 07, 1998 2:22 PM
To: Low Power Amateur Radio Discussion
Subject: Need Hako soldering station info

The local distributor has a 'special purchase' of Hako model P939 soldering stations for \$92.00. Anyone have experience with this manufacturer and do you know if it's a good deal?

72/73, John NU0V

Date: Tue, 07 Jul 1998 21:21:56 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [14597] Guitar Picks for keyers
Message-ID: <35A2C9B4.C01ED8A@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I used this trick many years ago to make a keyer out of two cheap Radio Shack straight keys. Guitar picks come in various thicknesses. One particular type I had very good luck with was Gibson "Heavy" gauge picks. They have the advantage of being a nice black plastic shade not unlike what you find on a Vibroplex.

>Scott:

>There is another way to get very nice paddle fingerpieces.
>My son plays the electric base, so I noticed the picks he uses.
>Shape is just right, and thickness is much less than the finger pieces
>supplied in the kit.
>This allows the surfaces you actually touch to be a bit closer >together.
>I find it very
>comfortable this way.

>You can get these picks cheaply at almost any music store that sells
>instruments, guitars, etc.
>Lots of colors and patterns to choose from too.

>73, Bob N6WG

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

QRP-L #1618 QRPARCI #8634 ARRL Life member

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Tue, 7 Jul 1998 21:18:01 -0700

From: ke3fl@juno.com

To: qrp-l@Lehigh.EDU

Subject: [14598] SG-2020 HF low-power rig?

Message-ID: <19980707.212323.8830.1.ke3fl@juno.com>

Has anyone heard of a review of the SG-2020 HF transciever?

It is by SGC e-mail: sgc@sgcworld.com

72 & 73 de KE3FL

Phil K

e-mail: ke3fl@juno.com

Web: <http://www.qsl.net/ke3fl>

Anyone can buy a radio, an antenna, microphone, plug it in the wall and talk, but a real ham can take two pieces of wire and beat them together, and send a message when the going gets tough.

Talk is cheap, real hams beep.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 7 Jul 1998 22:20:15 -0400 (EDT)
From: "Leonard J. Barish" <barish@kutztown.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [14599] Dentron Tuner
Message-ID: <Pine.SOL.3.91.980707221212.17786A-100000@atlantic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I recently picked up a tuner at a hamfest. I originally wanted something fairly small so I bought an old Dentron "Jr. Monitor" tuner. I know it will run QRP but I'd like to know if it can handle the 100 watts that the old Heathkit SB 401 I'm refurbishing can put out. Are any of you fine folks familiar with this item?

72

Len

```
*****
Len Barish  N2BSC                      ITVA
Department of Telecommunications        ARRL
Kutztown University                    DLARC
Kutztown, PA 19530                     NORCAL
Phone (610) 683-4490                   Norcal 40A
FAX   (610) 683-4659                   NW 8020
*****
```

If the whole world is a stage, I want better lighting.

```
*****
```

Date: Tue, 07 Jul 1998 21:41:02 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: n4xy@att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [14600] Re: SGC2020
Message-ID: <35A2DC3E.576940ED@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ed, one of the problems with the original ICOM IC-761 (since corrected completely in the IC-765) was a noticeable chirp along with spurious output during QSK CW if the frequency offset was in the order of 300 - 500 hz or greater. The PLL just couldn't change frequency fast enough to

keep up with the keying and was not settled before the finals were keyed on. It took a complete PLL redesign to fix that problem - they did it for the 781 and then used the same system architecture in the 765 when it replaced the 761.

Point of all this ICOM history: could the '2020 chirp be of similar origin? If so, will it take similar Draconian measures to correct it?

Glad to see you coming down on SGC for their sins - you have been the soul of grace in defending them, but their time has come.

--

72/73, George

Amateur Radio W5YR, 52 years and counting!

QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403

AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Ed Tanton wrote:

>

> Hi Dennis... I am sorry to hear SGC was so inattentive to your first two
> service requests. I am afraid this is one of those cases where these people
> are in it strictly for the money-and the amateur radio market ain't it! I
> think we are indeed going to have to solve our own problems with what is
> otherwise an excellent rig-and that is truly a shame.

Date: Tue, 07 Jul 1998 22:52:25 -0400
From: Edward Gardner <egardner@aiusa.com>
To: qrp-l@Lehigh.EDU
Subject: [14601] RE: CB-10M conversion, how much interest?
Message-ID: <35A2DEE9.FC4@aiusa.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Count me in! SSB, FM, CW, whatever. I've got a couple of kids getting their tickets this summer and am looking for low cost rigs to get them started. Let me warm up the soldering iron!

Ed KC2BYA

"They that can give up essential liberty

to obtain a little temporary safety
deserve neither liberty nor safety."

- Benjamin Franklin

Date: Tue, 07 Jul 1998 22:40:36 EDT
From: chrisfresh@juno.com
To: qrp-1@Lehigh.EDU
Message-ID: <19980708.024817.5263.2.chrisfresh@juno.com>

Really enjoyed last two sprints!! , Mi and "Sp". Didn't threaten any of the big boys. N2CQ Must have one shucks of an antenna!! Looking forward to more, thanks to qrp-1, have two "Pixies" coming, want to try milliwatting and Bike portable hamming but, like KX7L in article in last Norcal QRPP, I want to do it on 20 meters--Can anybody help with a good source of 14.060 mhz xtals??

72 and tnx in advance

Chris Freshwater KB9LCK
chrisfresh@juno.com

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 07 Jul 1998 21:00:52 -0500
From: "Adam B. Kanis" <adam-kanis@uiowa.edu>
To: qrp-1@Lehigh.EDU
Subject: [14603] RE: Strange AM Boardcasat CW Transmission...
Message-ID: <3.0.3.32.19980707210052.006de008@divis17.ped-gen.uiowa.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

hi christian,

>>>>

Was driving along Interstate 80 near Coralville, Iowa the other evening,
<<<<

and you didn't visit ; -)

--adam, n2brt

=====
Adam B. Kanis, N2BRT QTH: Wellman, IA (Near Iowa City) EN41ck
adam-kanis@uiowa.edu QRP ARCI : NorCal : QRP-L: G-QRP : CQC
 Straight Key : OHR-100 40m : Carolina Beam oriented N/S
** On the Web at <http://genome33.ped-gen.uiowa.edu/hamradio> **
=====

Date: Tue, 7 Jul 1998 23:01:44 EDT
From: Ab7wy@aol.com
To: qrp-l@Lehigh.EDU
Subject: [14604] guitar pick paddles
Message-ID: <b3ceb0b3.35a2e119@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi Bob and the gang. wow! ive been playing bass for 20 years and never
thought of using picks for finger pieces for paddles. (i dont use picks on
bass, but i do on guitar). i must have 2 dozen picks of different kinds.
however, the Shure Unidyne radio mic is a favorite among us singers. :-)
73, Adam, AB7WY

Date: Tue, 07 Jul 1998 20:04:13 -0700
From: Ken Lopez <kjlopez@earthlink.net>
To: barish@kutztown.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [14605] Re: Dentron Tuner
Message-ID: <35A2E1AE.9AB@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I used to use the Jr. Monitor from Dentron and it indeed will handle the
100Watts, and more.

Cheers,
Ken, N6TZV

Date: Tue, 07 Jul 1998 22:55:56 EDT
From: kb9iua@juno.com (Kevin L Anderson)
To: qrp-1@Lehigh.EDU
Subject: [14606] UOC NDB (Strange AM broadcast...)
Message-ID: <19980707.220942.7319.0.kb9iua@juno.com>

QRP Gang --

The UOC "Hawkeye" non-directional aviation beacon (NDB) was correctly identified as the unid AM signal near Coralville/Iowa City, Iowa, (home of the Univ of Iowa Hawkeyes) at 530 (524) khz.

"Hawkeye" is actually a strong good signal. I can hear it regularly with all of my AM radios, good and bad ones, here in the Quad Cities, and I am 60+ miles from the UOC transmitter. (I can't say the same for all the area NDB's.) I've seen the setup -- antenna is a dipole up between two telephone poles running north-south, so not up high and fairly NVIS (which is what you want). Seems to be a typical setup, as I've seen it at other airports. BTW, the aviation beacon band runs approximately from 150 to 530 Khz, with most down in the LW (and not MW) range. (Aviators can also use the MW "AM" broadcasters as NDBs, with the better ones marked on sectional charts, although you have to be more careful about flying into their antennas :-). It is a challenge for DXers and weak signal folks to try to listen for NDBs.

Back to QRP -- I worked WK8S this weekend, who was out in his backyard with a Sierra on 40m -- he seems all thrilled waiting for his Elecraft K2 to arrive. Seems to be alot of excitement over this K2 rig (I'd consider it if my piggy bank wasn't nearly empty; I hoping to scrounge up enough to build either the Wilderness 40A, SW 40+ elmer rig, or Ten Tec's 1340 soon, which would be my first kit).

Cheers/72. Kevin, KB9IUA

Kevin Anderson, KB9IUA, Rock Island IL USA
kb9iua@juno.com or Kevin.L.Anderson@usace.army.mil

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 07 Jul 1998 23:15:28 -0400
From: olyellr@iglou.com
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [14607] Re: Dentron Tuner
Message-ID: <3.0.5.32.19980707231528.007c1cf0@iglou.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:04 PM 7/7/98 -0700, Ken Lopez wrote:
>I used to use the Jr. Monitor from Dentron and it indeed will handle the
>100Watts, and more.
>
>Cheers,
>Ken, N6TZV
>

Same here. I used one for quite awhile to feed a 135' random wire. I gave
it to a friend who is using it now, QRO es QRP.

73,
Mike L.

de KE4HLU
FISTS #4139
<http://members.iglou.com/olyellr/>
99% CW OP...for the pure JOY of it!

Date: Tue, 7 Jul 1998 20:30:02 -0700
From: "Frank Grigaliunas" <fgrig@iea.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [14608] Re: Attachments
Message-ID: <199807080330.UAA29889@comtch.iea.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Bob Liesenfeld <wb0poq@visi.com> wrote:

> When will people learn that sending attachments et al to the list is a
bad
> idea???
> Good thing I have tape backups of my system.

I've heard many times that attachments mess up people's computer systems,
and I'm at a loss to understand how this happens. Could somebody explain
to me, either on the list or privately, how this works? I can see the
problem for people who pay for access by the minute or maybe people with
unusual computer systems, but what does it do to the regular home personal
computer user?

Thanks for any help.

--Frank, KC7YYR

Frank Grigaliunas, W. 1816 Dean, Spokane, WA 99201
fgrig@iea.com -== (509) 326-7147 -== <http://www.iea.com/~fgrig/>
"The Internet doesn't annoy people. People annoy people"

Date: Tue, 07 Jul 1998 23:43:33 -0400
From: Paul Helbert <phelbert@rica.net>
To: mgipe@reliablemeters.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [14609] Re: NC 20
Message-ID: <35A2EAE5.22218212@rica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike,

I would hope that there will be a limit of one NC20 per person, in order
to spread them around as widely as possible.

Whatsay?

Paul, Wv3j

Date: Tue, 7 Jul 1998 23:44:02 EDT
From: Wa2eaw@aol.com
To: tjarey@home.com, qrp-1@Lehigh.EDU
Subject: [14610] Re: Guitar Picks for keyers
Message-ID: <66ce7b91.35a2eb04@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Mine were tortise shell.
wa2eaw@aol.com

Date: Wed, 08 Jul 1998 06:40:15 +0200
From: Thomas Roth <th.roth@apc.de>
To: qrp-1@Lehigh.EDU
Subject: [14611] QRP-Nets
Message-ID: <3.0.32.19980708063930.006895fc@apc.de>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Hi all,

could someone let me know where to find some information on QRP-Nets ??? I
sure don t mind getting up early or staying up late, but sometimes it s a
bit tiring hunting for fellow QRPers. Any information, URL s or other would
be appreciated.

vy 72/73 de Thomas, DL40BN

AK-QRP #413
G-QRP #5672
QRP-L #1621

Date: Tue, 7 Jul 1998 21:52:29 -0700
From: "Michael Connor" <mikec@primenet.com>
To: <qrp-1@Lehigh.EDU>
Subject: [14612] Re: Guitar Picks for keyers
Message-ID: <000f01bdaa2c\$3c5aaba0\$0427f5cc@nathan.phx.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Fellow "pickers",

Try the Jim Dunlop brand of guitar picks. They come in various thicknesses like the normal picks, but they have a raised surface on them to keep your fingers from slipping.

Mo' betta than the smoothies...

Mike
NQ7K
AZ. ScQRPions

Date: Wed, 8 Jul 1998 01:01:54 EDT
From: Ab7wy@aol.com
To: qrp-1@Lehigh.EDU
Subject: [14613] Re: Guitar Picks for keyers
Message-ID: <21393c72.35a2fd43@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

fender used to make (may still) a huge triangle pick that looks like the finger pads of a bencher. these picks came in variable thickness. heh heh, ive been playing 20 years and never thought of this before, learn something new from you guys everyday. ill see you on the air for IARU cw.....72, Adam, AB7WY

Date: Wed, 8 Jul 1998 01:11:20 EDT
From: Ab7wy@aol.com
To: qrp-1@Lehigh.EDU
Subject: [14614] pick thread
Message-ID: <a2ba17f6.35a2ff79@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

im sorry if ive repeated myself. im not trying to boast of musical accomplishments, i think i posted a response to a fellow list member and forgot to type the group address, it went directly to him. i then wanted to

post my cute little comment about playing 20 years on the bass, and i think i posted 2 different messages about it....well make that 3 now. you know, ive often looked at my bass and wondered how it would load up on 6 meters....hmm. 73, Adam, AB7WY

Date: Wed, 08 Jul 1998 02:00:31 -0400
From: Scott Bauer <ke3nv@erols.com>
To: phelbert@rica.net, qrp-1@Lehigh.EDU
Subject: [14615] Re: NC 20
Message-ID: <199807080600.CAA14128@smtp3.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Paul,

I agree. To go one step further, I think the offer should be for NorCal members only. The remaining kits could then be offered to the general public for sale.

Flame Suit is on.

w3cv/ NorCal Member

At 11:43 PM 7/7/98 -0400, you wrote:

>Mike,

>

>I would hope that there will be a limit of one NC20 per person, in order
>to spread them around as widely as possible.

>

>Whatsay?

>

>Paul, Wv3j

>

Date: Wed, 08 Jul 1998 02:14:15 EDT
From: n4so@juno.com (charles k brown)
To: qrp-1@Lehigh.EDU
Subject: [14616] 28 Mhz beacons
Message-ID: <19980707.235039.8175.4.n4so@juno.com>

At 0344z a good mix of beacons are still coming through-- 28.228 wg8t,

28.240 ab8z, 28.260 ka1nsv/4 on 28.250 kd5azb calling kc5oab.
Today's new beacons heard were w3vd/bcn jhu/apl fm19ne 28.296 and
na2dx (28.235?).
No activity heard on the lower portion from 28.000.

KEN BROWN N4SO
QRP-L #622
Location nr Mobile, AL EM50tk
n4so@juno.com

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Date: Wed, 08 Jul 1998 02:14:16 EDT
From: n4so@juno.com (charles k brown)
To: qrp-l@Lehigh.EDU
Subject: [14617] Tektronix manuals/repairs
Message-ID: <19980707.235041.8175.12.n4so@juno.com>

Here is info on Tektronix analog oscilloscopes from page 41 of Nuts and
Volts magazine July 98 issue.
First repair.

Mr. Scope
Bob Garcia, 845 Fairfield Dr., Marietta, GA 30068-2619 770-977-5701
For manuals:
Bob Lee R5-D3 Electronics Surplus, Portland, OR Tel 503-774-6560
Deane E. Kidd W7TYR, 27270 S.W. Ladd Hill Road, Sherwood, Or 97140
Tel 503 625-7363.
Linda Perkins, Manual Merchant, E-mail: linda_p@ix.netcom.com
Ed Matsuda, Test Equipment Manuals, POB 390613
San Diego, CA 92149 Tel 619-479-0225
Manuals Plus, POB 549, TAD #601, Tooele, UT 84074 Tel 801-882-7188.

An excellent book on scopes:
"Oscilloscopes: Selecting and Restoring a Classic", by Stan Griffiths
E-mail w7NI@teleport.com.
All info from Nuts and Volts Magazine has not been confirmed.

KEN BROWN N4SO
QRP-L #622
Location nr Mobile, AL EM50tk
n4so@juno.com

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 7 Jul 1998 23:21:12 -0700
From: Conrad <radman@best.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Cc: "'Steven Weber'" <kd1jv@moose.ncia.net>
Subject: [14618] CB to 10M (the Heathens are commin' !)
Message-ID: <01BDA9FD.EF22D7A0.radman@best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Folks,

Steve Weber's absolutely right! There's a wave of excitement re: the "11-2-10/CB to 10M QRP project." And, we have company! I've been in email QSO with our friends on the Heath reflector (commonly known as the "Green-People" or "Heathens") and they'll meet us on the 10M AM Net! They have all those old "Teners" and converted "CB-1's" to use and are ready to go! And, many QRP-L folks have written to me describing how they'll modify their old Cobra, GE or Radio Shack CB and catch up with us on 10M. And, that's cool! But.....

But, crucial to making this "Steve Weber Kit" project fly (as Steve reminds us) is locating a stash of low cost - preferably Uniden - CBs with convertible innards - so we can share a common starting point/schematic. Today I spent a couple of spare hours combing thru Silicon Valley - near my QTH. There's plenty of commodity CB product out there for well under \$65.00. Yet, I couldn't locate the mother lode of older Unidens for < \$25.00 :(. Perhaps some of you guys and gals closer to where the 18-wheelers roam (roost?) might be in a better scouting location. (If you smell diesel exhaust you're probably getting close!) Naturally, I'll continue to hunt and keep you posted on my adventures.

If you come across a pile of CBs that you think have price/performance potential for this project... (ie... old and cheap) just drop me an email and I'll be happy to dig thru the particulars at Uniden Corp's archives and move the

info on to Steve Weber - our PLL Guru.

Remember... you don't need a "handle" to play... just an
"11-2-10" Steve Weber rig !

The excitement builds... and remember, the Heathens are
commin.'

72 - Conrad Weiss - NN6CW

Date: Wed, 8 Jul 1998 02:31:18 EDT
From: DYARNES@aol.com
To: qrp-1@Lehigh.EDU
Subject: [14619] Re: Guitar Picks for keyers
Message-ID: <7d543504.35a31238@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I've also used poker chips. They work pretty good, depending on what kind you
can scrounge up.

72 de David W7AQK

Date: Wed, 08 Jul 1998 02:54:13 -0400
From: joel malman <malman@world.std.com>
To: mikemo@ibm.net
Cc: malman@world.std.com, qrp-1@Lehigh.EDU
Subject: [14620] SW-30+ tuning
Message-ID: <199807080654.AA19884@world.std.com>

Mike,

> The tuning control is just a pot used as a voltage divider. Swap the
> wires on pins 1 and 3 of J2. This should reverse the tuning direction.
> It will not change the tuning range however. If the range is incorrect
> you need to adjust the VFO as per the manual.

You are right! I reversed the pins 1 and 3 on J2 and the tuning now goes
in the correct direction. This means that the "Assembly Pictorial"
(page 2) that came with the enclosure is wrong.

Now all I have to do (I hope) is fix the VFO (C7) so it starts at the right place.

thanks,

/joel wa1qvm (Concord, Mass)

Date: Wed, 8 Jul 1998 00:24:21 -0700
From: "Frank A. West" <ke6vhm@earthlink.net>
To: <DENNISMO@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [14621] Re: Outbacker Antenna
Message-ID: <199807080739.AAA25807@hawk.prod.itd.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I had an Outbacker for about 2 weeks and returned it. It worked fine and did all the advertisements said it would. However it was not too convenient to use. Having to stop and change the location of the wire, or change and retune the top for just about each band was a major pain. I have had better results with the Comet CAHV - I can run any two HF bands and 6 meters and 2 Meters with out making any changes at the antenna. Resonators can be changed for the HF bands if needed. But having four bands at the flip of the dial is much easier, especially mobile. The outbacker was my first choice. Now I would like to get a screwdriver, talk about easy to tune. Am I lazy? No just like to keep it simple. No connection with ether manufacture. Just like the Comet better. Let us know what you do.
72 de Frank

Date: Wed, 8 Jul 1998 05:15:25 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: "Leonard J. Barish" <barish@kutztown.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [14622] Re: Dentron Tuner
Message-ID: <Pine.GS0.3.96.980708050857.7197A-1000000@moe.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> I recently picked up a tuner at a hamfest. I originally wanted something
> fairly small so I bought an old Dentron "Jr. Monitor" tuner. I know it

> will run QRP but I'd like to know if it can handle the 100 watts that the
> old Heathkit SB 401 I'm refurbishing can put out. Are any of you fine
> folks familiar with this item?

Len,

To check on whether the tuner will handle about 100 watts, look at both the coil and the capacitor(s). The capacitors should have about 1/8" spacing (0.125") between plates. The coil should be about #16 wire with at least 1, if not 2 wire diameters spacing between turns. If so, the tuner will handle the 100 watts. Bigger components (#14 coil wire, 0.2" plate spacing) is more desirable, but the smaller tuner will work fine if you always do the basic tune-up at low power. When the components are very far from their proper settings, you can get unpredictably high voltages that can arc. Once close to their proper settings, the voltage tend to be less and to fall within the component capabilities, especially capacitor plate spacing. The coil wire diameter is a function of the RF current at the highest power to be used and the low (50-ohm) impedance of the input (TX) side of the tuner. To be sure of your visual judgments, run up the power slowly with the tuner in tune on the bands you want to use and watch and listen for arcing--and check for heating (after removing power). Hope this helps.

-73-

LB, W4RNL

Date: Wed, 08 Jul 1998 07:01:54 -0400
From: K4AHK@ix.netcom.com
To: kc8er@harborcom.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [14623] Re: foreign ham calls
Message-ID: <35A3519A.7B96@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Some useful DX call and QSL manager info is available at:

<http://www.seark.net/adxa/callbook.html>

I just tried the URL and it is working OK.

Bill - K4AHK

Date: Wed, 08 Jul 1998 08:06:16 -0300
From: Dave Marling <dbm@klis.com>
To: barish@kutztown.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [14624] Re: Dentron Tuner
Message-ID: <35A352A8.8EE30E7E@klis.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Len,

According to the 1979 Dentron catalogue I have, the Jr. Monitor Tuner
tunes from 1.8 to 30 MHz continuously with 300 watt capability.
Capacitor spacing of 1000 volts. Meter is forward reading relative
output power.

73,
Dave
VE1VQ

--

Understand the problem before you attempt the solution.

Date: Wed, 08 Jul 1998 07:14:33 -0400
From: K4AHK@ix.netcom.com
To: g3ycc@g3ycc.prestel.co.uk
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [14625] Re: A Wide Range VXO
Message-ID: <35A35490.67C8@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

What is the value of the emitter/collector resistor?

Bill - K4AHK

Date: Wed, 8 Jul 1998 07:38:31 -0400
From: "dave r" <elim@ime.net>
To: <kc8er@harborcom.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [14626] Re: foreign ham calls
Message-ID: <001501bdaa64\$efd35d20\$16c65ad1@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Peter C. Buehner <kc8er@harborcom.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, July 07, 1998 8:31 PM
Subject: foreign ham calls

>Hello everyone.

>

>Does anybody know if there is an "on-line" QSL resource for looking up
>foreign ham radio callsigns?

>

>Thanks

>

>de Pete, KC8ER

Hi Pete,
here are a few that you can check out
<http://www.qrz.com/>
<http://users.southeast.net/~kd4ujk1/dxqsl.htm>
<http://www.ampr.spb.ru/DB/>

<http://www.octavia.com/callbk.htm>

Date: Wed, 8 Jul 1998 07:45:46 EDT
From: N8mgu@aol.com
To: qrp-1@Lehigh.EDU

Subject: [14627] Freq Mite
Message-ID: <8ed6bb84.35a35beb@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Have seen many references to the Freq Mite here lately. What is it? Where can I find more info? What is the price? Where can I purchase it? Inquiring minds want to know. Tnx. 72 de N8MGU (Larry Mittman)

Date: Wed, 8 Jul 1998 19:47:16 -0400
From: cy r currier <crc3@telplus.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, "'kc8er@harborcom.net'" <kc8er@harborcom.net>
Subject: [14628] RE: Strange AM Boardcasat CW Transmission...
Message-ID: <01BDAAA9.38CE96E0@bgr36.lobster.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

al faa cw (modulated cw) is sent @ 5wpm ass pilots were only required to =
copy that speed . it was also printed on the vfr charts to help them =
identify
that which they were hearing. cy - k1tes

From: Peter C. Buehner
Sent: Monday, July 06, 1998 9:00 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Strange AM Boardcasat CW Transmission...

Hello Christian,

Interesting. The same thing has been transmitted on that same frequency here in the North Eastern Ohio area - on and off. Except they transmit = the letters "GF" slowly in CW. I never was able to learn what that was all about. Will be watching for responses...

de Pete, KC8ER

-----Original Message-----

From: Christian - KF6IHU <kf6ihu@morphine.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Monday, July 06, 1998 8:44 PM
Subject: Strange AM Boardcasat CW Transmission...

Was driving along Interstate 80 near Coralville, Iowa the other evening,
and noticed a strange signal on the AM Broadcast band. It was at 0600Z =
on
3jul98 at 530kHz and was simply the letters 'UOC' being sent over and =
over
in rather sloppy Morse.

Any ideas?

72/73 de KF6IHU/9 - Christian

Date: Wed, 8 Jul 1998 13:11:09 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: N8mgu@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [14629] Re: Freq Mite
Message-ID: <199807081211.NAA24286@chuck.dallas.sgi.com>

Larry et.al.,

The FREQ-Mite, A PIC-based Morse Frequency Counter, is available
from Small Wonder Labs (tm), Dave Benson, NN1G, 80 E. Robbins Ave.,
Newington, CT 06111, email benson dj@aol.com and costs \$20 ppd US.

Here are the specs:

Maximum Freq count: 32.767 MHz
Accuracy: +/- 1.5KHz to 25MHz
 +/- 2 KHz to 32MHz
Output: Morse Audio, 800Hz tone, 13/26WPM, with 3- or 4-digit output
 (programmable)
Input: High-Impedance

Dave has chart showing input sensitivity. <0.2Vp-p up to
about 10MHz, about 0.33Vp-p at 20MHz and 0.6Vp-p at 30MHz
where Vp-p is Volts peak-to-peak

Board is 4.4cm x 3.1cm (1.75in x 1.25in for the metrically-challenged).
Relatively small parts count and used a 16C621 PIC processor. Audio
output can drive a piezo annunciator or headphones or fed into AF
input chain of rig with large series resistance to keep audio to
reasonable level.

I have one but haven't gotten it built yet. Will measure sensitivity
and accuracy when I do get it done with NIST traceable accuracy. :-)

FYI

Chuck Adams K5FO Dallas, TX CP-60
<http://reality.sgi.com/adams> adams@sgi.com

Date: Wed, 8 Jul 1998 08:13:57 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:N8mgu@aol.com" <N8mgu@aol.com>
Cc: "+Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>, //QRP-L Discussion
Group <QRP-L@Lehigh.EDU>
Subject: [14630] Freq Mite
Message-ID: <199807080817_MC2-5279-487D@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Larry:

This little jewel is made by Small Wonder Labs in Newington, CT. Dave
Benson NN1G is owner. When you push its button, you hear the frequency
spelled out in Morse Code. Default speed is 13 wpm but it can be set
higher if wanted. Apparently Mites can be installed in practically any
rig. I hope to get some for my SST's.

Don't happen to have Benson's info right here on vacation.....but he
has a Web Page, e-mail, etc. The little kit goes for about \$20.00.
Reviews have been very positive. Hope this data is useful.

BTW I believe Benson is on vacation presently but will return sometime
next week. Good luck.

72/73,
--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
MWBC

519-16th Street SE
Rochester, MN 55904
507/289-5108 (eves)

Date: Wed, 8 Jul 98 08:25:56 -0400
From: cjl@mail09.mitre.org (Charles J. Ludinsky)
To: qrp-1@Lehigh.EDU (qrp-1@lehigh.edu), jwodell@ameritech.net (Jerry W. O'Dell)
Subject: [14631] RE: Halfwave, end-fed antenna questions
Message-ID: <980708082556.17842@mail09.mitre.org.0>

> Have I taken leave of my senses, or is an end fed 1/2 wave just what they
> used to call a zepp?

Yep. Except the original zepp had fewer issues with ground effects....HI

72 DE K1CL,
Chuck

Date: Wed, 08 Jul 1998 08:59:41 EDT
From: nq2rp@juno.com (B/BAMS Club Station)
To: qrp-1@Lehigh.EDU
Subject: [14632] CB to 10 Caution
Message-ID: <19980709.085904.8207.1.nq2rp@juno.com>

Before one jumps into the project, remember that the converted CB's can NOT be used by Novice/Tech+ in their section of the Phone band. When the FCC authorized the phone expansion, they allowed only SSB for Novice/Tech+ in the 28.300 - 28.500 MHz range, the published reason being to discourage ex-CB'ers from just sliding their AM CB's up the the band.

It reallt makes an AM conversion a General and higher project.

Going back to the dark ages of tube CB's, the Hallicrafters CB-7 could be converted just by reversing the RX and TX crystals and retuning. The RX LO injection was 1650 KHz above the "channel", so the conversion would put you between 28.615 (CH-1) and 28.900 (CH-23) The CB-7 had a built-in AC power supply and a 6 or 12 volt vibrator supply (vibrator was an accessory), 10 tubes and drew 55 watts RX and 70 watts TX. Not the most energy-efficient radio, but very popular from 1963/4 to about 1970, about

the time that Hallicrafters folded

The easiest conversions are still the old Cybernet boards of you can find them. Any surplus houses have any left?

72/73, Keith, WB2VUO at the keys at B/BAMS
NQ2RP - QRP-L # 1294, Byron/Bergen AMateurS Club Station
Listen for our 10 Mtr Milliwatting Beacon: 125 mW @ 28.2875 MHz
"My night light runs more power than my Rig!!!"

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 8 Jul 98 09:09:30 -0400
From: cjl@mail09.mitre.org (Charles J. Ludinsky)
To: g3ycc@g3ycc.prestel.co.uk (g3ycc@g3ycc.prestel.co.uk), qrp-l@Lehigh.EDU (qrp-l@lehigh.edu)
Subject: [14633] Re: Halfwave, end-fed antenna questions
Message-ID: <980708090930.17842@mail09.mitre.org.0>

Frank, G3YCC, wrote [14584]:

> A counterpoise is not essential for a 1/2 wave, see my web page for a
> simple design..... The version on my web page uses a simple tuned circuit in
> a 35mm film canister and also works pretty well and does not employ a
> counterpoise. If you really are worried about RF on the coax braid,
> use a few ferrite beads, but in practice, and that's what counts,
> forget it!

I think the coax braid is actually working as the counterpoise here, though not as a quarterwave counterpoise. Basically any length of short wire (greater than zero) offers a lower impedance than the several thousand ohm feedpoint impedance of the halfwave. Because of the differences in impedance between the antenna and the counterpoise/braid, the current on the latter is much lower.

It would be interesting to see how well the setup you describe actually would work with a significant number of ferrite beads (whatever that might be) located right at the point where the coax attaches to the matching unit. Does tuning become more difficult, with the setup becoming sensitive to hand capacitance or other effects? Note that the beads would have to offer a combined impedance similar to that of the end-fed halfwave antenna (several

thousand ohms) to actually accomplish anything (again, in this specific case of an end-fed halfwave wire).

72 DE K1CL,
Chuck.

Date: Wed, 8 Jul 98 09:21:33 -0400
From: cjl@mail09.mitre.org (Charles J. Ludinsky)
To: qrp-1@Lehigh.EDU (qrp-1@lehigh.edu), cebik@utkux.utcc.utk.edu (L. B. Cebik)
Subject: [14634] RE: Halfwave, end-fed antenna questions
Message-ID: <980708092133.17842@mail09.mitre.org.0>

L.B.Cebik wrote [14581]:

> For the vertical antenna, please always model over several types of
> ground.....Those planning to use a vertical seriously (that is, as the main
> station antenna) might well wish to read the ground chapter of the ARRL
> Antenna book.

....
> If you would like to see what a vertical can do from a small island, use
> the salt water ground description (cond=5; d.c.=81). Verticals are highly
> effective in that context and aboard ships.

Yep. For the excellent ground provided by salt water (i.e., 5,81), EZNEC shows a gain of 6dBi at a takeoff angle of 7 degrees for the end-fed halfwave vertical discussed earlier (versus 0.12dBi at 18 degrees for a "medium" [typical?] ground).

72 DE K1CL
Chuck.

Date: Wed, 08 Jul 1998 08:37:40 -0500
From: John Bohnert <johnb@elmhurst.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [14635] Elmer 101 SW 40+ Report
Message-ID: <35A37624.CC79CC06@elmhurst.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Got a little impatient and decided to finish building the SW40+. I wish to pay tribute to Mike and the strategy of building in stages. I studied the schematic, figured out where the inputs and outputs for the final two/three stages would be located and the expected signal to confirm an operational circuit. I do have some questions which I will forward at the appropriate time.

I attached the various additional components, temporarily placed a 68pf cap in C7, and fired up the rig KNOWING it would work! (What a great feeling. I have built many kits before but always had to hold my breath and hope things worked!) Running about 1.75W output, I worked W2XX/m near Rochester NY, WB0xxx in Aurora, MO, and a CM2XX in Havana. Now I have to play around with C7 and L1 to provide a frequency coverage which will let me hunt FOXI in the fall!

72

John N9KW QRP-L #1257
Elmhurst, IL

Date: Wed, 8 Jul 1998 09:06:16 +0000
From: "Bryan Turner" <turnerw@email.uah.edu>
To: qrp-l@Lehigh.EDU
Subject: [14636] 10 meter AM
Message-ID: <9807081406.AA04519@uahis1.uah.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7BIT

I found an AM ham page at:
<http://www.thebizlink.com/am/>
They listed 29.000 - 29.100 as a 10 meter AM window.

I think the segment below 28.5 should be avoided, since Novice and Tech Plus hams are not allowed to use AM on ten.

73 Bryan W8LN

Date: Wed, 08 Jul 1998 10:06:33 -0400
From: "Edward A Kwik jr" <eakwikjr@hti.com>

To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [14637] Re: SOME DELTA INFO
Message-ID: <35A37CE9.44246C06@hti.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Very interesting reading here for me. I just converted my 40m inverted vee to a full wave length vertical delta loop by installing a connecting bottom wire between the to vee ends. It is feed with window line at the apex which is at 20 feet. When I first used it I was very impressed but after a week I am not sure I am any better off. Seems that I have a little less noise on 20 and 40 which was one of my objectives but it is very difficult to tune on 15 and 10. I can load up on these bands by adding a 8 foot length of feed line to the antenna (1/4 wave length at 10m) but quick band changes to to check on 10m foxes are a pain. I read that the loops are less susceptible to nearby objects. My loop is up against the side of my house at the apex and the ends flare out a little to about 10 feet away and the bottom wire is 8 feet off the ground. My neighbors house is only 20 feet from mine. So the antenna is sandwiched between the two. I can make the inverted vee legs longer than 33 feet. I can add another 10 feet to each leg.

So what is the consensus?

1. Keep the vertical delta loop as is?
2. Go back to the inverted vee with 33 foot legs?
3. Go back to the inverted vee but with legs as long as possible, about 43 foot legs?
4. Make the loop larger by adding the longer legs and bottom wire?
5. Don't be so lazy, try all of them, then stick with what works best.

Ed Kwik KC8JIE qrp-1# 1444 Waterford, MI

Date: Wed, 08 Jul 1998 09:08:44 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: malman@world.std.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [14638] Re: SW-30+ tuning
Message-ID: <35A37D6C.1BC8775B@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Not wrong, Joel, just different.

Remember, the English drive on the left side of their roads and feel very proper doing so. Whoever did the design and manual probably felt that having the frequency go up with a certain direction of tuning was "right." You feel differently, so you can turn the wires around!

--

72/73, George

Amateur Radio W5YR, 52 years and counting!

QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403

AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

joel malman wrote:

>

> Mike,

>

> > The tuning control is just a pot used as a voltage divider. Swap the
> > wires on pins 1 and 3 of J2. This should reverse the tuning direction.
> > It will not change the tuning range however. If the range is incorrect
> > you need to adjust the VFO as per the manual.

>

> You are right! I reversed the pins 1 and 3 on J2 and the tuning now goes
> in the correct direction. This means that the "Assembly Pictorial"
> (page 2) that came with the enclosure is wrong.

>

> Now all I have to do (I hope) is fix the VFO (C7) so it starts at the
> right place.

>

> thanks,

>

> /joel wa1qvm (Concord, Mass)

--

72/73, George

Amateur Radio W5YR, 52 years and counting!

QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403

AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Date: Wed, 08 Jul 1998 10:07:00 -0400
From: Michael Maiorana <mikemo@ibm.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [14639] Re: Elmer 101 SW 40+ Report
Message-ID: <35A37D04.4075D1E2@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

> Got a little impatient and decided to finish building the SW40+.

Ok, the students are dropping like flies. Do I need to speed up? Picking up the pace would be no problem (I want to finish mine too ;-). I'm just trying to leave time for everyone to complete the sections and come up with questions.

I've got very little feedback on the last two sections. So either I'm a great at explaining things (I doubt it) or I've lost just about everyone.

I'd like to get feedback from the remaining students on this. Please reply to me directly, not to the list. I'll post the results.

Also, remember that when we are done we will have an on the air party! We will see how much noise we can make on 40 meters with these great little rigs. We can pick a few key people scattered around North America to act as "foxes", or we can just have a free for all calling "CQ elmer".

72 de ku4qo
Mike Maiorana
Palm Harbor, FL

Date: Wed, 08 Jul 1998 07:26:25 -0700
From: Vic Rosenthal <rakefet@rakefet.com>
To: eakwikjr@hti.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [14640] Re: SOME DELTA INFO
Message-ID: <35A38191.FDBAB67D@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Edward A Kwik jr wrote:

>

<snip>

>

> So what is the consensus?

> 1. Keep the vertical delta loop as is?

> 2. Go back to the inverted vee with 33 foot legs?

> 3. Go back to the inverted vee but with legs as long as possible,

> about 43 foot legs?

- > 4. Make the loop larger by adding the longer legs and bottom wire?
- > 5. Don't be so lazy, try all of them, then stick with what works best.

I tried a similar experiment, with similar results. I think that the gain of the loop configuration is offset by the lower average height of the antenna when it's a loop. By the way, it is helpful to wrap a bit of aluminum foil about 12" wide around the ladder line and slide it around until you find a place that allows your tuner to match the antenna on all bands. I vote for option 3 -- it will work better on 80 meters.

Vic, K2VC0

Date: Wed, 08 Jul 1998 07:32:53 -0700
From: Jay & Jackie <jayboy@empnet.com>
To: qrp-l@Lehigh.EDU
Subject: [14641] RE: Outbacker Antenna et al
Message-ID: <3.0.1.32.19980708073253.0069fb34@mail.empnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi:

Don't have experience with the Outbacker, but have been using (with success) one of those Screwdriver types. If fact, look for me on 7040 and 14060 today thru Friday from the high Cascades above Sisters, Oregon. I'll have my Sierra and plenty of battery power...If the Screwdriver doesn't do it, then I'll throw up an Inverted Vee. 73

Jay, W6JDB/7 Bend, Or

Date: Wed, 8 Jul 1998 10:49:37 -0400
From: "Eugene Hall" <evhall@ix.netcom.com>
To: <K4AHK@ix.netcom.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: <wa4hhp@amsat.org>
Subject: [14642] Re: A Wide Range VX0
Message-ID: <199807081457.JAA12720@dfw-ix10.ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Bill,

Since the purpose of the C-E resistor is just to give the base a shot and start the oscillator while not loading down the Q of the crystals. I'd start with something around 82K.

If that gives you good reliable starting put the breadboard in the fridge for a couple of hours and see if it will start when you take it out. If it will you should be okay for portable use, if not you will need to warm up the rig first when in the field at FYBO or lower it a bit and try again.

Looks like an interesting circuit, I found a pair of crystals in the Mouser catalog that should come up around the KnightLites frequency of 3.686. I'm putting this one on my "fiddle with it" list.

72,

Gene WA4HHP Summerville, SC

> From: K4AHK@ix.netcom.com
> <snip>
>
> What is the value of the emitter/collector resistor?
>
> Bill - K4AHK
>

Date: Wed, 8 Jul 1998 11:19:37 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: Edward A Kwik jr <eakwikjr@hti.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [14643] Re: SOME DELTA INFO
Message-ID: <Pine.GS0.3.96.980708111506.27988B-1000000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> So what is the consensus?
> 1. Keep the vertical delta loop as is?
> 2. Go back to the inverted vee with 33 foot legs?
> 3. Go back to the inverted vee but with legs as long as possible,
> about 43 foot legs?
> 4. Make the loop larger by adding the longer legs and bottom wire?
> 5. Don't be so lazy, try all of them, then stick with what works best.

>
> Ed Kwik KC8JIE qrp-l# 1444 Waterford, MI
>
Ed,

The tuning problems with an antenna design can be quickly determined, but the operating merits take a bit longer. So as you run through possibilities, give each one a fair try with different kinds of band conditions on the many bands on which you want to operate. Low band antennas take patience more than anything else for effectiveness testing. It also takes some time to evaluate whether the quietness on some bands is a worthy trade-off for the difficulty of tuning on others. So take your time and enjoy the extended test period by doing all the kinds of operating you normally do--contests, dxing, ragchewing, etc. The results will become apparent to you as you try each type of operation over a couple of tests or more.

Good luck.

-73-

LB, W4RNL

Date: Wed, 8 Jul 1998 09:21:05 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-l@Lehigh.EDU>
Subject: [14644] Glacier/Waterton Hamfest
Message-ID: <Pine.SOL.3.91.980708091112.9286A-100000@gpfn1.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

For the 11th year Bonnie & I will be attending the 64th. Glacier/Waterton hamfest held the weekend of July 17,18,19th., at the 3 Forks Campground... the campground is located on highway #2, mileage markers 191,192...16 miles west of East Glacier just over the Continental Divide, in the beautiful mountains that the state of Montana always provides...attendance usually runs around 500 to 600 +/- for this great weekend Hamfest...wonder if any other qrpers are planning to be there?...would be great to have an eyeball!...72 - Bruce(VE5RC+VE5QRP)

Date: Wed, 8 Jul 1998 11:21:28 EDT
From: PDouglas12@aol.com
To: qrp-1@Lehigh.EDU
Subject: [14645] Re: Soundcard programs
Message-ID: <1ee92f42.35a38e79@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Sorry for the bandwidth, Gang, but AOL is playing tricks on me. Doug Q. sent me an inquiry about the test equipment programs (see below, names are self-explanatory) I noted some months ago. They work well, and are valuable assets to your electronics lab, so long as you have a Windows-equipped PC in your workbench area. Anyway Doug, AOL says your address isn't valid, so I am replying this way.

Hi Douglas,

They're there on AOL. Go to Keyword Ham Radio. Follow to ham radio files, and look for the programs titled "Frequency Counter for Windows", "Sine wave oscillator for Windows", and "Oscilloscope for Windows" . They were uploaded last Nov, I think it said, so you have to click on "more files" a couple of time to get to them.

Hope this helps.

72,
Preston Douglas WJ2V

Date: Wed, 08 Jul 1998 07:35:38 -0600
From: tom whalen <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [14646] 10m conversion info
Message-ID: <35A375AA.214B@swcp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello QRPer's!

I have a flyer from CBC International out of Pheonix. A company that deals with every aspect of CB.
They have available a list that will let you know in advance if the chip

in your particular cb set is modifiable. One can also order the "CB PLL Data Book" for a reasonable fee.

They also sell Frequency Mod Kits. Give you an extra 160 or 240 more channels. It is for all PLL type CB's and uses a crystal local oscillator in the synthesizer mixer circuit.

Also, they have a "Super Expo...Crystal oscillator and mixer.

This unit will modify 95 percent of all pll type and even those with ROM circuits and even 23 channel jobs..

With the above unit, we would not have to be too particular in what unit we converted. Guess anyone will almost work!!

I think the cb to 10 am conversion is a good idea! Count me in for sure!! In another two years the band will be full of am'ers, from 29.0 to 29.100 mhz. During the last cycle, I worked a whole bunch of people on 10 am. Most were using old boatanchors. I have a HeathCruiter DX-100, and a Motorola R-390 ready for 10 am!!

As a final note...am not an employee of the above company. Figure I might as well hand down some info on hand. Those wanting to contact the above company can use the following address.

CBC International

PO Box 31500

Phoenix Az. 85046

fax: (602)996-6700

E-mail: info@cbcintl.com

I vote that we compile a list of those that are interested in the above conversion. Maybe spread the cost of the book(s) between us.

Don't forget...the best place to find an old cb is at garage sales! I have found them for as little as 2 bucks, and they worked. I have two of them converted to 20 and 15 meters right now. No, I did not do the conversion, but the guy who did lives here in town. He would be happy to help us I'm sure.

So, let's get going on this!! I even have a couple of extra units in the attic I will donate to someone that can't seem to find one.

72, Tom WB5QYT

--

Enjoying QRP and QRP-L!

Rigs: Ten Tec Argo 509, SST-30, GM-15, OHR Spirit 40, Emtech NW20

IC-706, 38S, 49er, Bare Essentials, Mizuho MX-7s, HW-8, St.L tuner

Org: QRP-L 640, scQRPion 22, Norcal 1979, Fists 4465, ARS 396

Home of the "spud gun antenna launcher"-Kite antennas- RR mobile

Date: Wed, 08 Jul 1998 08:40:17 -0700
From: Bill Jones <kd7s@psnw.com>
To: qrp-l@Lehigh.EDU
Subject: [14647] Re: Soundcard programs
Message-ID: <35A392E1.6C05B52F@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Preston et al,

There is a wonderful collection of Soundcard applications on the following web site:

<http://www.muenster.de/~welp/sb.htm>

Included is a scope, sinewave generator and frequency counter (all audio range) not to mention a great DSP program.

=====
Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>
=====

Date: Wed, 08 Jul 1998 10:31:42
From: "K. Babcock" <casey@mufn.org>
To: qrp-l@Lehigh.EDU
Message-ID: <3.0.5.16.19980708103142.2c07bc54@mufn.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Where can I get a description of/ schematic for the SLV antenna?
Kent babcock, N8WVD

Date: Wed, 08 Jul 1998 09:07:35 -0700
From: Bill Jones <kd7s@psnw.com>
To: qrp-l@Lehigh.EDU
Subject: [14649] Re: SLV Antenna Info
Message-ID: <35A39947.A205D88D@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Kent,

NorCal has the info.

<http://www.fix.net/~jparker/projects.html>

K. Babcock wrote:

> Where can I get a description of/ schematic for the SLV antenna?
> Kent babcock, N8WVD

=====
Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>
=====

Date: Wed, 8 Jul 1998 11:22:00 -0500
From: Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>
To: cebik@utkux.utcc.utk.edu
Cc: QRP-L list <QRP-L@Lehigh.EDU>
Subject: [14650] Ground reflections
Message-ID: <E726B6D1F2C7D1119AB900805FA74B3C8294B6@s-il02-n.comm.mot.com>
MIME-Version: 1.0
Content-Type: text/plain

LB. Thanks for your contribution. It helps to have someone who knows what he is talking about help with the question answering. I see now my answer was only half an answer, as I had not distinguished between

vertical and horizontal antennas. Now, the question is, did I get my half right? :-)
73, Bob N6WG

Date: Wed, 8 Jul 1998 12:23:21 EDT
From: ARDUJENSKI@aol.com
To: qrp-l@Lehigh.EDU
Subject: [14651] REMINDER SIMPLE ANTENNA NITE
Message-ID: <19207978.35a39cfa@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

NITE: Wednesday evening (Thurs AM utc time) STARTING THIS WEEK 8th (9th UTC)
TIME: 0100-0200 utc
FREQ: 7.042 (plus or minus)

FORMAT: Sprint type using CQ and a series of 3 V's (CQ VVV) I figure that will confound the uninformed and make it easy to identify ourselves

EXCHANGE: RST/ STATE or PROV or COUNTRY PREFIX /ANT-TYPE (SLV or HEFor DP or IV) / PWR

Even if you don't actively participate, listening in might be enlightening...
ALAN KB7MBI

Date: Wed, 8 Jul 1998 11:41:59 -0500
From: Tellefsen Bob-CNSE97 <cnse97@lmpsilo2.comm.mot.com>
To: whowell@hq.nasa.gov
Cc: QRP-L list <QRP-L@Lehigh.EDU>
Subject: [14652] Shielded 3 wire cable
Message-ID: <E726B6D1F2C7D1119AB900805FA74B3C8294D9@s-il02-n.comm.mot.com>
MIME-Version: 1.0
Content-Type: text/plain

Scott:
Several of us had had good success with Radio Shack stereo patch cords. You get a shielded cable with two internal conductors, and a stereo plug at each end. Cut it in the middle and you have two cords ready to use, with plug already installed.
73, Bob N6WG

Date: Wed, 8 Jul 1998 09:44:08 -0700 (PDT)
From: "Allan G. Taylor" <ataylor@heracles.llnl.gov>
To: qrp-l@Lehigh.EDU
Cc: k7gt@qsl.net
Subject: [14653] NC20 availability
Message-ID: <199807081644.JAA01942@heracles.llnl.gov>

The subject of availability of the upcoming NorCal NC20 kit has come up on QRP-L of late. I would like to add a few comments to the fray...

First off, I don't really appreciate having the number of kits limited to satisfy a political agenda (however well intended) to give kits to foreign hams. That in effect means that the kits cost us twice what the club effort ought to have cost. Why don't we instead make up the kits at the actual cost and suggest those who wish to, make contributions to an ongoing fund for QRP kits for overseas hams. The YASME effort was of that kind and very successful, although they weren't quite conventional QRP level rigs that were supplied.

Secondly, the outstanding specs of the NC20, if it bears out, is going to have a very high demand. Yes, I know that NorCal is not in the kitting business. But it would seem that, from the outset, the demand is going to be very high for this kit. Ought not plans have been made in advance to make it available through one of the several kit businesses associated with QRP? I for one would like to have the NC20 as it comes but also attempt a conversion to 15m (the sunspot cycle is upon us...) And for that matter, a 40m conversion is a good option, too. A stronger front end than is in the NorCal 40A would be great for contesting with the big boys. So I could want as many as three kits. Having a common interface with the rigs I take to the field would be a good thing. I would suppose that many builders out there may want at least two for similar reasons. So...just how are the goodies going to be fairly distributed. Perhaps to NorCal members first, and then to others?

By the way, I am a NorCal member, too, although I never attend the meetings. My QRP interest is primarily portable/backpacking and those occasional QRP field-oriented contests.

Assuming no changes are made in the planned distribution of the NC20 kits, I will have my check in the mail later on this month...

--

73 de Allan Taylor K7GT

Pleasanton CA

email: k7gt@qsl.net
web page: <http://www.qsl.net/k7gt/index.html>

Date: Wed, 8 Jul 1998 12:50:36 -0400
From: Stewart Whitehouse <STEW_W@compuserve.com>
To: Low Power Amateur Radio <QRP-L@Lehigh.EDU>
Subject: [14654] Elmer 101: Low sensitivity - solved!
Message-ID: <199807081250_MC2-5286-6443@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Hi Folks.

I traced the low sensitivity problem I was having with the SW40+ to Q1. Good audio on the source and low audio on the drain. Had some MPF102's on hand and replaced same. Problem solved! Now, no matter where I put the probe around the bench, I have to turn my signal generator off to not hear it. The keying thump also went away. Guess that was the clue all along.

I tacked an 8.2pf NPO (had one) to the board, across C1 and can now tune T1 for a peak.(K8IQY changed C1 to 68pf to get a peak and Glen Leinweber mentioned that he gets T1 to peak with core turned near the end.)

Thanks to all who responded: Mac KF4KSM, Bob WA2HOQ, Glen Leinweber (sorry don't have your call Glen), Steve KG7PV, Jim K8IQY, and Mike KU4Q0. All with good advice.

Someone made a post about the pot wiring being backwards in the instructions included with the enclosure kit. I found the same thing - both pots. Just swap the end wires at each pot.

One more thing while I have your attention kit builders. My RF signal generator is an Eico model 324 from the 1950's. Don't laugh, I see these things at every hamfest flea market I go to for 5 to 7 dollars. If the tubes light up just replace the filter capacitor (use individual caps if you can't find any of the dual electrolytics).

and all the paper capacitors. (I used disks to replace the paper caps)
I also replaced the output connector with a BNC type. Although these
things aren't Lab Quality, a lot of TV repair techs made their living
with them.

72

Stew KE4YH
Dunedin, Florida
EL88oa

Date: Wed, 08 Jul 1998 09:45:57 PDT
From: "DJ Rock" <b2bn@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [14655] Fish Story or Know
Message-ID: <19980708164557.4800.qmail@hotmail.com>
Content-Type: text/plain

Hi Gang:

I was told this FOAF story the other day, do you believe it?
Apparently there was this AM station that was having problems with their
signal pattern in a certain direction from their antenna. It was very
frustrating because they couldn't figure out why. Until driving around
in the immediate area around their transmitter they noticed something. A
homeowner had strung through the trees on his large property literally
thousands of feet of copper wire. He was trapping the signal and doing
the proper conversion to use it to power his house. Sound like hogwash I
know, but I was reading the other day about a simple shortwave receiver
you can build that actually gets its power from local radio stations.
Could the theory behind this receiver be scaled up that much?

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Wed, 08 Jul 1998 12:03:56
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@Lehigh.EDU
Subject: [14656] Re: SGC2020
Message-ID: <3.0.3.16.19980708120356.2c0f6be0@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

> The PLL just couldn't change frequency fast enough to

>keep up with the keying and was not settled before the finals were keyed
>on.>

>Point of all this ICOM history: could the '2020 chirp be of similar
>origin? If so, will it take similar Draconian measures to correct it?
>

That could very well be it. I was thinking that maybe with the way they do the fine frequency steps by pulling the reference osc might have something to do with it. A ground loop or power supply dip when going to Tx might shift the reference a little before it can be corrected.

I haven't seen a schematic or block diagram of the 2020 yet, but I understand they use coarse 10 K tuning steps in the PLL then shift the reference osc for the smaller steps.

I figure it would take a shift of about 2 Khz on the reference clock to move the VCO 10 KHz. The amount of shift needed varies between the low end and high end of the VCO tuning range. So, I could see having a DAC shift a VXO ref clk to about where it's needed and use a frequency counter to fine tune it to where it needs to be, ala a Huff 'n Puff type scheme. All this could very well result in a chirp durring CW keying, but would not be a problem for normal SSB, where there is time for every thing to settle.

Could be difficult to fix.

72,

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Wed, 08 Jul 1998 11:22:48 -0600
From: John Evans - N0HJ <jaevans@codenet.net>
To: qrp-l@Lehigh.EDU
Subject: [14657] Re: NC20 availability
Message-ID: <35A3AAE8.822E1F92@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings,

Question for the club. Why doesn't the club/designer just release the documentation and board patterns to those who would want to homebrew an NC20?? This could be done for costs and could satisfy a portion of the community without impacting the club's run!!

72 - john - n0hj

John A. Evans	Chief Systems Administrator
Office: (719) 528-1800 x164	Titan Software Systems
Fax: (719) 528-1888	1115 Elkton Drive, Suite 200
email: jaevans@cos.cst.titan.com	Colorado Springs, CO 80907-3535

Norcal #262 QRP-L #219 QRP-ARCI #8303 NE-QRP #213 CQC #045
CQrp #15 NJ-QRP #50 AK-QRP #52 NW-QRP #454 FISTS #3184
Personal Web Page: <http://www.geocities.com/capecanaveral/9773/>

Date: Wed, 8 Jul 1998 13:06:54 -0400
From: Chris Ingham <cingham@vela.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [14658] Lost URL...
Message-ID: <FFCC9109169CD11182950000C03016F818288D@viking>
MIME-Version: 1.0
Content-Type: text/plain

Hi all,

I'm pretty new to ham radio and especially the world of QRP. I don't even have a rig yet, but will probably build one of the Wilderness Radio kits in the not-to-distant future.

A while back, I saw a reference on this group to a web site. The site was for a vertical antenna loading coil that someone was manufacturing. He had two versions of it, I believe, and also sold a fiberglass pole to be used to hold the vertical wire in the air. The coils were made of PVC with the wire carefully wound around the pipes.

Anyway, I did not bookmark the web site and would like to find it again. Anyone know what I'm talking about? Please send me an email at cingham@vela.com or post a reply to the group if you can help me.

Thanks in advance,
Chris Ingham
KF4YIV

Date: Wed, 08 Jul 1998 13:24:58 -0400

From: joel malman <malman@world.std.com>
To: qrp-1@Lehigh.EDU
Subject: [14659] Not Wrong
Message-ID: <199807081724.AA21725@world.std.com>

Folks,

I wrote (I usually hate to quote myself):

> This means that the "Assembly Pictorial"
> (page 2) that came with the enclosure is wrong.

Many people have commented that it not really wrong to have the frequency go lower when you tune in the clockwise direction. I have no doubt of that.

What I mean is that there is two diagrams available. The page 15 pictorial (in the Instruction Manual) and the page 2 pictorial of the Enclosure Kit. They are different.

If you follow the page 15 pictorial, the frequency goes up when you dial clockwise, when you follow the page 2 pictorial, the frequency goes down.

There might be a paragraph about this somewhere, but I could not find it, so I assumed that the pictorial on page 2 of the Enclosure Kit is wrong.

Anyway, my 30 meter kit is done. It works fine and looks great. Thanks Dave. I know it would be hard to do, but I wonder if there will be a SW-17+ kit available someday?

72 to all,

/joel wa1qvm (Concord, Mass)

Date: Wed, 8 Jul 1998 11:45:10 -0600
From: David Ek <ekdave@earthlink.net>
To: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>
Subject: [14660] Mouse paddles for portable use
Message-ID: <01BDAA65.DE36E400.ekdave@earthlink.net>

Gang,

The recent guitar-picks thread motivates me to write about an alternative to homebrew paddles for portable use. I converted an old two-button mouse to work as a set of paddles with my TiCK keyer. This was mainly done as an experiment but the results turned out so well that I felt it would be

worthwhile to tell y'all about it. Yes, I know this is not an original idea. I had my doubts about this before I started, but I'm a convert now!

The conversion was simple enough. I would recommend a two-button mouse with "soft" action (no loud clicks on button presses). Three buttons would afford a third for keyer control if you were industrious enough to build the keyer itself into the body of the mouse (a TiCK would certainly fit, maybe with a 9V battery, too!). I took my mouse and removed as many components from the PC board as possible. Then I soldered two jumpers on the board which caused the two switches to directly switch two lines in the cord (with a common ground). Put a stereo plug on the end of the cord, and you're done! Of course, the procedure will vary depending on the mouse you select.

What really surprised me was the ease with which it is used! I expected some problems getting used to the different action (being accustomed to regular paddles myself) but found the transition to be quite painless. I have no trouble sending at 20 wpm, but higher speeds might be more of a challenge. Additionally, the mouse paddle offers the advantage of true one-hand operation. I used this on a backpacking outing for FD and found it quite convenient to rest it on my knee and send with one hand and log with the other. Regular paddles need to be anchored to something solid, or held in one hand while the paddles are worked with the other.

In short, I'm hooked on this for portable operation. I even did a few QS0's standing up, still using only one hand to send. If you're interested in portable operation, I encourage you to give some thought to using a converted mouse.

Questions & comments welcome.

72,

Dave AB0GO

Date: Wed, 8 Jul 1998 13:02:33 -0500
From: "Kelly Ellison" <kelman@dialnet.net>
To: <qrp-1@Lehigh.EDU>
Subject: [14661] Re: Mouse paddles for portable use
Message-ID: <199807081802.NAA16483@mail.dialnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

That is a good Idea.... When looking for a inexpensive solution for
paddles
I found the Whiterook paddles and was surprised how inexpensive they
were. You can see them
at: <http://www.west.net/~wpc/>
Somebody on this list pointed these out to me. They are a neat little
paddle. I do not have any financial interest in these products, just
passing a good thing along. 73,

Kelly Ellison
WB0WQS
Aurora, MO

Date: Wed, 08 Jul 1998 13:11:44
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@Lehigh.EDU
Subject: [14662] Re: N/T+ AM
Message-ID: <3.0.3.16.19980708131144.2caf351c@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>
>When Novice enhancement was implimented in 1987, Novice and Tech >hams
were not given AM priviledges because there was some concern that
>CB'ers would get an easy license, modify their rigs and move to ten.
>

Ahhh, knew there must have been a reason, even if it does sound more like a
conserpicy to sell ssb rigs <g> (been reading too much W2NSD/1)

So be it, the conversion board will only cover 29 to 29.5 Mhz. Sorry
N/T+'s, better lobby or up grade :-)

72,
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Wed, 8 Jul 1998 19:08:43 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-1@Lehigh.EDU
Subject: [14663] Above 20M Kits
Message-ID: <199807081808.TAA27380@chuck.dallas.sgi.com>

Joel, WA1QVM, asked about a kit for 17M from Dave, NN1G.

I have his GM-XX series for 30, 17, 12, and 10M, i.e. GM-30, GM-17,

My recommendation is to forget about the SW-XX+ above 20M. You need the extra gain from an IF amp. The GM-XX series costs \$75 ppd and that gives you the board and onboard parts. You supply the pots, connectors, case, etc.

The receiver is excellent both in sensitivity and selectivity and all the usual good stuff about the xcvr applies.

Not a sales rep or in anyway associated with Small Wonder Labs, just a happy customer. I pay retail just like the rest of you.....

Oh, not to imply there is any SW-17+ or higher. There is not. The receiver just would not cut it IMHO. :-)

See the web page at <http://www.fix.net/~jparkers/ml.html> for details if you can surf. Also see my web page <http://reality.sgi.com/adams> for some pictures of some that I have put together in my spare time.

FYI

p.s. The additional \$20 per kit over the SW-40+ is money well spent IMHO.

Chuck Adams K5FO Dallas,TX CP-60
<http://reality.sgi.com/adams> adams@sgi.com

Date: Wed, 08 Jul 1998 14:39:04 EDT
From: n4so@juno.com (charles k brown)
To: qrp-1@Lehigh.EDU
Subject: [14664] 6 Meters Modifications List
Message-ID: <19980708.183649.7959.5.n4so@juno.com>

I have a copy of the conversions and modifications file mentioned back a few days that is located at <http://www.6mt.com/6tech.htm>.

Ask for the LISA.txt file.

I used the W3GATE Webmail service to send the html file to Juno. The file is converted to an ascii text file.

KEN BROWN N4SO
QRP-L #622
Location nr Mobile, AL EM50tk
n4so@juno.com

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 8 Jul 1998 19:52:33 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-l@Lehigh.EDU
Subject: [14665] NC20 Comments
Message-ID: <199807081852.TAA27437@chuck.dallas.sgi.com>

Gang,

IMHO, it does not matter one hill of beans about the current status of the NC20 kit. Doug Hendricks and Jim Cates put in a lot of their own time and money (driving from the desert to civilization for Doug is not cheap with gas prices that I have seen in CA) in doing kits for the benefit of the members and non-members alike. They announced the rules and that's it. Period.

All it takes is continued criticism from a few individuals and you will see them stop doing kits in the future. You shouldn't blame them if they did. Anyone can burn out.

They announced the NC20 at Dayton and since that time we all have seen the flame wars start up. I will order one kit when the time comes for the same reason I'd buy any other kit. It looks good, the price is good (forget about the second one on the side), the design team has spent a great deal of their

own personal time doing it and making it right. And to imply a political agenda really is pushing the envelope.....

If any or all the clubs continue to get flak from the sidelines, we could see a lot of them stop doing kits and projects. Also anyone or any club now contemplating doing a kit has got to be thinking that if a group that has been doing it for years gets that kind of treatment what will the new kid on the block get????

So, let's lighten up gang. You are not going to get the rig any cheaper from anyone else, are you? If you think that you can do better, then let's see it. There are people standing by to see it.

Now NorCal has to set a limit on how many kits they are willing to do. You can take only some many 100's of hours doing the same tedious job of counting and insuring that no parts are missing, broken, etc. It's not rocket science and they probably could use their time in a more productive manner for themselves instead of doing it for us..... So they HAVE to set a limit and stick with it. No other way to do it except to take it up as a living and that I'm sure they don't want to do. Heck, Jim is retired and he should be taking it easy anyway. :-) I know that he loves what he is doing and he is doing a darn good job too.

Now I'll get off the soapbox, but gang before you hit the panic button and fire off a ton of email, THINK and THINK a long time. It serves no purpose whatever to waste their time with all the ideas from the sidelines. It's their game plan and they will stick by it 'til the fat lady sings. QED.

I don't see too many others coming to the frontlines with ideas or production runs of kits of this magnitude as the NC20 or NC20A, whichever is the correct product number. Did I miss something?

FYI

Chuck Adams K5FO Dallas,TX CP-60
<http://reality.sgi.com/adams> adams@sgi.com

Date: Wed, 08 Jul 1998 14:00:31 -0500

From: "George T. Baker" <w5yr@swbell.net>
To: crc3@telplus.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [14666] Re: Strange AM Boardcasat CW Transmission...
Message-ID: <35A3C1CF.FB5C262@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Actually civilian pilots are not required to copy any code at all. FAA figures that 5 wpm is slow enough for the unskilled to match what he/she hears with the dots and dashes printed on the chart.

--

72/73, George
Amateur Radio W5YR, 52 years and counting!
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

cy r currier wrote:

>
> al faa cw (modulated cw) is sent @ 5wpm ass pilots were only required to copy
that speed . it was also printed on the vfr charts to help them identify
> that which they were hearing. cy - k1tes
>
> -----
> From: Peter C. Buehner
> Sent: Monday, July 06, 1998 9:00 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: Strange AM Boardcasat CW Transmission...
>
> Hello Christian,
>
> Interesting. The same thing has been transmitted on that same frequency
> here in the North Eastern Ohio area - on and off. Except they transmit the
> letters "GF" slowly in CW. I never was able to learn what that was all
> about. Will be watching for responses...
>
> de Pete, KC8ER
> -----Original Message-----
> From: Christian - KF6IHU <kf6ihu@morphine.com>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Date: Monday, July 06, 1998 8:44 PM
> Subject: Strange AM Boardcasat CW Transmission...
>
> Was driving along Interstate 80 near Coralville, Iowa the other evening,
> and noticed a strange signal on the AM Broadcast band. It was at 0600Z on

> 3jul98 at 530kHz and was simply the letters 'UOC' being sent over and over
> in rather sloppy Morse.
>
> Any ideas?
>
> 72/73 de KF6IHU/9 - Christian

--

72/73, George
Amateur Radio W5YR, 52 years and counting!
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Date: Wed, 8 Jul 1998 13:06:21 -0600 (MDT)
From: James P Rybak <jrybak@mesa7.mesa.colorado.edu>
To: Chuck Adams <adams@chuck.dallas.sgi.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [14667] Re: NC20 Comments
Message-ID: <Pine.OSF.3.91.980708125913.10973A-1000000@mesa7.mesa.colorado.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I agree 100 percent with Chuck Adams' comments. Jim Cates and Doug Hendricks have performed an outstanding service for QRPers over the years and the NC20 is just another example of that. I personally think that the price they are asking is very fair. The fact that, at that price, they can send me a kit plus send a kit to someone overseas is nothing short of miraculous. If others don't like the plan and/or the price, they don't have to buy a NC20. It's that simple.

73,

Jim Rybak W0KSD (And a proud member of the NorCal QRP Club)

Date: Wed, 8 Jul 1998 15:01:38 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: David Ek <ekdave@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [14668] Re: Mouse paddles for portable use

Message-ID: <Pine.LNX.3.95.980708150035.20711C-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I tried this with a Ten-Tec keyer kit and it was, shall we say, difficult for me to get used to, although we're all different.

"YMMV"

Everything is worth trying once unless it's sure to kill you...

** Scott Rosenfeld NF3I & AAR3IB/T ** <http://w3eax.umd.edu/~ham> **
** Burtonsville, MD FM19mc * DXCC WAC WAS * QRP-L #147 * AK-QRP **
* Waiting for 6m to open... ** ARRL Life Member/Laurel ARC/UMARA *
** 301-549-1022(h) 301-982-1015(w) *** 35 wpm HF mobile CW Neon **

Date: Wed, 08 Jul 1998 12:13:48 -0700
From: W7LS <w7ls@blarg.net>
To: b2bn@hotmail.com
Cc: qrp-l@Lehigh.EDU
Subject: [14669] Re: Fish Story or Know
Message-ID: <35A3C4EC.1728@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi. I think it is a 'morphed' version of another story that is indeed, true. Farmers with long wire fences have been known to bleed power off of long powerlines by inductive coupling. They get significant power, too. I think the story about the AM station might be sorta true, but if so, wouldn't generate a whole lot of power.

73 de Jim, W7LS

DJ Rock wrote:

>
> Hi Gang:
> I was told this FOAF story the other day, do you believe it?
> Apparently there was this AM station that was having problems with their
> signal pattern in a certain direction from their antenna. It was very
> frustrating because they couldn't figure out why. Until driving around
> in the immediate area around their transmitter they noticed something. A
> homeowner had strung through the trees on his large property literally
> thousands of feet of copper wire. He was trapping the signal and doing
> the proper conversion to use it to power his house. Sound like hogwash I

> know, but I was reading the other day about a simple shortwave reciever
> you can build that actually gets it power from local radio stations.
> Could the theory behind this reciever be scaled up that much?
>
> -----
> Get Your Private, Free Email at <http://www.hotmail.com>

Date: Wed, 08 Jul 1998 12:29:25 -0700
From: Gary Hembree <Gary.Hembree@asu.edu>
To: tentec@contesting.com, qrp-1@Lehigh.EDU
Subject: [14670] WTB: TenTec 9MHz Filters
Message-ID: <35A3C895.6F8C@ASU.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

I would like to buy another TenTec 219 (250Hz) 9MHz filter. I'll help to finance your purchase of one of the new 250Hz, model 221 filters by buying your old 219!

I would also like to obtain a couple more of the 4-pole, 2.7KHz BW 9MHz filters that came with the stock Argosy and in the 1st IF of the Corsairs.

Please email type, quantity available and asking price.

73
Gary Hembree, N7IR
gary.hembree@asu.edu

Date: Wed, 8 Jul 1998 15:20:02 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [14671] NF3I/7 - Arizona, NF3I/0 - Minnesota, lots of days...
Message-ID: <Pine.LNX.3.95.980708150354.20711D-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well, here's the scoop...

Tuthill is coming up (YIPPEEEEE!)
So's my sister's birthday (also great)

She lives in Flagstaff, so I get to do BOTH!!!

I'll thus be enjoying the coooool pines of northern Arizona from 23 July through sometime in early August, hopefully operating while out there, even though it'll be in the heart of monsoon season.

HOWEVER, there's a twist.

Sis has to be at work from 27-31 July. Bummer.

BUT...MY work needs me at a conference from 27-30 July in Minneapolis!

WHAT A COINCIDENCE! If anyone wants to get together in Minnesota pls let me know! I'll be downtown and will have a car!

CU on the bands!

** Scott Rosenfeld NF3I & AAR3IB/T ** <http://w3eax.umd.edu/~ham> **
** Burtonsville, MD FM19mc * DXCC WAC WAS * QRP-L #147 * AK-QRP **
* Waiting for 6m to open... ** ARRL Life Member/Laurel ARC/UMARA *
** 301-549-1022(h) 301-982-1015(w) *** 35 wpm HF mobile CW Neon **

Date: Wed, 8 Jul 1998 15:46:42 EDT
From: RangerSF5@aol.com
To: qrp-l@Lehigh.EDU
Subject: [14672] How do you get a Nor cal 20?
Message-ID: <de10282.35a3cca3@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I have been reading about the Norcal 20 meter version that will be out soon
Is this first come,first serve?
How much is the kit and where do you send the money
Bob
WA2HOQ

Date: Wed, 08 Jul 1998 12:54:13 PDT
From: "laura halliday" <marsgal42@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [14673] Re: NE602/SA602.

Message-ID: <19980708195413.9490.qmail@hotmail.com>
Content-Type: text/plain

Sorry to burst bubbles here, but almost every Philips document was updated late last year - not to add new information, but to add the "Let's make things better" logo.

There isn't much new technical information - the NE602/612-related documents are almost identical to my 1990-vintage Philips data books, swiped from an ex-employer's dumpster.

Which are printed on paper. How quaint. But so much easier to take into the bathroom. :-)

Laura Halliday VE7LDH "Laisse le vent tout emporter..."
Grid: CN88hk IOTA: NA036 - Foly/Viennet

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Wed, 08 Jul 1998 16:26:23 -0400
From: "Laurent C. Lafond" <aa1qj@ids.net>
To: qrp-1@Lehigh.EDU
Subject: [14674] Screwdriver Antenna?
Message-ID: <35A3D5EF.3BC@ids.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Folks -

Guess I came in in the middle of the conversation.

Could someone please describe the "Screwdriver Antenna" to/for me?

tnx, 72
Laurent

Date: Wed, 8 Jul 1998 14:30:24 -0600
From: Brad Mugleston <bmug@gwl.com>
To: "'qrp-1'" <qrp-1@Lehigh.EDU>, "'cw'" <cw@qth.net>, "'homebrew'"

<homebrew@qth.net>
Subject: [14675] /MM
Message-ID: <01BDAA7C.F2F43840.bmug@gwl.com>

I've seen this talked about before but not having a boat I didn't pay much attention.

How does one use a small vertical (hustler) on a fiberglass boat?

Thanks

de KBØROL, Brad - soon to be /mm

Date: Wed, 8 Jul 1998 16:34:21 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: 3830 Reflector <3830@contesting.com>
Cc: QRP-L Reflector <qrp-l@Lehigh.EDU>, Doug McDuff <dmcduff@gate.net>, Markus Hammelmann <markus@wg104a.wh.uni-stuttgart.de>, Bruce Phegley <brucep@legends.net>, Mitch Louis <mitch96@pobox.com>, Kevin Bunin <p014455b@pb.seflin.org>
Subject: [14676] N4BP Field Day 1A Battery
Message-ID: <Pine.3.89.9807081641.B26063-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Guano Reef Bashful Perverts N4BP

Operators: K4PG, N4BP, W40X
QTH: Fiesta Key, Long Key
Equipment: TS-130V, SST-20, IC-706MKII
4-band trapped vertical, 10M 2el Yagi, Hustler mobile whip
2 solar charged deep cycle marine batteries

612 CW QSO's 50 SSB QSO's 662 Total QSO's

6370 points + 800 bonus points 7170 Total Points

We felt puny this year, just couldn't get any good runs going. There may have been a problem with the main antenna, the "Ugly Vertical". Wx was good for the most part, but hotter than blazes! One brief squall Sunday morning sent us scrambling for a tarpaulin to keep the rain off the gear. Couple of highlights: Seven Q's via the RS-12 satellite and one

QSO to test my new Wilderness Radio SST-20 (Simple SuperheT) which I will take backpacking next month. Sleeping was rough after our queen size air mattress lost its air. We spread air mattresses out on picnic tables under our shelter, but a little rough on the back. Stopped on Marathon on the return trip for some "celebration ice cream". A fairly successful event, but room for improvement next year...

73,

Bob Patten, N4BP (0 0) Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org

Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>

Brass Pounder BBS: (954) 472-7715

Date: Wed, 8 Jul 1998 14:47:04 -0600
From: bcutter@teal.csn.net (Bob Cutter)
To: w5yr@swbell.net
Cc: qrp-l@Lehigh.EDU
Subject: [14677] Re: Strange AM Boardcasat CW Transmission...
Message-ID: <199807082047.0AA08819@mailrelay.sni.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Actually civilian pilots are not required to copy any code at all. FAA

True, but it sure impresses the Examiner-Check Pilot.

72, Bob KI0G

Date: Wed, 08 Jul 1998 15:48:29 -0500
From: Mike Souhrada <wb9iog@revealed.net>
To: bmug@gwl.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [14678] Re: /MM
Message-ID: <35A3DB1D.5015@revealed.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Brad Mugleston wrote:

>
> I've seen this talked about before but not having a boat I didn't pay much
attention.
>
> How does one use a small vertical (hustler) on a fiberglass boat?
>
> Thanks
>
> de KBØROL, Brad - soon to be /mm

Brad

/MM -Joe Carr's book Practical Antenna Hdbk addresses this very
well in chapt 16. Basically it depends on the boat keel or whatever
you have to provide the ground return of the antenna. He ties
things into the bronze keel and on one a lot of foil inside and
the engine if you have a heavy. Otherwise lots of metal
foil, I suppose wire would do but not as well.

Mike

Date: Wed, 08 Jul 1998 17:37:39 -0400
From: Paul Helbert <phelbert@rica.net>
To: aa1qj@ids.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [14679] Re: Screwdriver Antenna?
Message-ID: <35A3E6A3.65849B24@rica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The best way to get full info on the screwdriver antenna is to send
\$5.00 to W6AAQ, Don Johnson at his callbook address with request for the
information. He will send about 50 pages of photocopied text and
illustrations. Complete plans, discussion, and parts procurement
suggestions are included. You can build the antenna for about \$50.00 or
you can buy a rip-off of his design from some vendors for around
\$300.00.

The antenna tunes 3 to 30 MHz continuously to resonance via a switch in
your car. It is the best mobile antenna I have ever had, and I've had
Texas Bug Catchers and many other good ones. The screwdriver name
refers to the electric screwdriver motor which moves the coil up and
down to achieve resonance at any desired frequency. The antenna is big
for a mobile. The first one I built (copper pipe) worked the metal on

the roof of my Toyota Wagon to metal fatigue even though it was guyed to the front roof rack with strings. The present one uses aluminum pipe and is lighter. It may still fatigue the metal in the rear quarter pannel of my old Volvo wagon even though it is braced to an extension of the rear roof rack.

Don had surgery recently and his home page is down until he gets it back up, check from time to time at <http://www.mother.com/~w6aaq/index.html>

You'll see a few on cars at most hamfests.

73,

Paul, Wv3j

Date: Wed, 8 Jul 1998 15:33:49 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-1@Lehigh.EDU
Subject: [14680] (Fwd) Guestbook Entry
Message-ID: <199807082132.PAA27526@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

----- Forwarded Message Follows -----
Date: Wed, 8 Jul 1998 13:32:53 -0600
From: Server@chisp.net
Subject: Guestbook Entry

You have a new addition to a guestbook

Config id: ./guestbk/cqcgbk.cfg

From: CARLWH6ANH@AOL.COM

VERY NICE TO FIND THIS WWW AND IT LOOKS GREAT, ENJOY THE HOBBY

Date: Wed, 8 Jul 1998 16:50:39 -0500 (CDT)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-1@Lehigh.EDU

Subject: [14681] QUESTION... FEEDING THE BI-SQUARE... Wire/Rope/Trees
Message-ID: <199807082150.QAA03317@ns1.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

hIGH gANG

OOPS... now it's right...

Got a question for those in the know... Not the no, no... :-)

If I fed my by-square... cut for forty meters, let's say 7.1mhz....
in the center of the flat top (phasing part) with twinlead, (open wire line
of some sort)...

Could I get it to load on forty as a half square and on eighty
(3.550 or thereabouts) as an eighty meter dipole with the ends bent over????

Seems like a simple way to cover both eighty and forty in a limited
space... with one antenna... would I have to make the twinlead an even half
wave on forty??? or would the length of the twinlead be that critical...
a...sume...ing this will work....

I am asking because "I have an idea" :-)... I figure .1 wavelength
on eighty would be about thirty sumthin feet and I could put a director in
front of the driven element for eighty and one for forty and not take up a
city block or have to bother with two driven elements... and I could do this
in the width it takes for a forty meter dipole!!!

I think the formula for the 80mtr dipole would call for less wire
than the forty bi-square... however I am hoping that the ends being bent
over would make the electrical length of the eighty dipole short enough to
work at about half the frequency of the forty bi-square...

The extra gain on eighty sure would be nice and using the same
driver would make construction a lot easier...

Thanks for your enlightenment in advance
Joel, wa5cvm, in maine, hoping for a favorable report...

God Bless
Joel

WA5CVM
Joel Denison
PO BOX 542
Strong, Maine 04983
jdenison@morelr.com

Gentlemen don't Cry, They QSY :-)
Gentle Lady (RC Sail Plane)(049 engine - start)
3 element Yagi on 40mtr
QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765
AK/QRP 109

Date: Wed, 8 Jul 1998 17:14:54 -0500 (CDT)

From: jdenison@morelr.com (JOEL DENISON)
To: qrp-1@Lehigh.EDU
Subject: [14682] MM VIA KAYACK
Message-ID: <199807082214.RAA04505@ns1.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

HIGH gANG:

oops again... :-)

Feeling better and better since the open heart surgery and having to put off my ultralight flying till my chest is more securely healed... (they tend to pop open on hard landings... :-)

I thought I might run some aluminum foil in the bottom of my kayak and use a fiberglass pole to make a twenty or fifteen meter ant... or maybe I could use two fiberglass poles taped to the boat to make a dipole a few inches off the water... (something that wouldn't tip the boat :-) and put the qrp+ up between my knees in the cockpit of the kayak... good ole duct tape... :-)

Would there be any qrpl members interested in a qso for this momentous event... :-) I could even make special qsl cards for the occasion... I do a lot of fishing on some good bass waters here in Maine and along with the good exercise... which I need to do for health reasons... I could do a bit of hf... ssb or cw... the only condition is that u keep the log as I will only keep ur call and name on a note pad... only so much room in this little kayak... :-)

Dont know where the idea came from... however if there be enough interest... or maybe I could put it in the canoe, whatever, sounds like fun... God Bless

Joel, in Maine, losing my grip on sanity this far north of Dixieland... :-)

God Bless
Joel

WA5CVM
Joel Denison
PO BOX 542
Strong, Maine 04983
jdenison@morelr.com

Gentlemen don't Cry, They QSY :-)
Gentle Lady (RC Sail Plane)(049 engine - start)
3 element Yagi on 40mtr
QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765
AK/QRP 109

Date: Wed, 08 Jul 1998 16:50:46 -0600
From: "Hulbert, Nick" <nick.hulbert@lmco.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, Steven Weber

<kd1jv@moose.ncia.net>
Subject: [14683] RE: N/T+ AM
Message-ID: <5104C9F8B0B5D1118C250000F8062537881D9D@emss02m13.ems.lmco.com>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: quoted-printable

R on that Steve. Only problem is that in the end it didn't keep the =
CB=E9rs
off Ten meters. Now days they are called FREE BANDERS and you can hear =
them
most any time in the lower CW portion of 10M. CB is one of those =
great FCC
experiments of the late 1950's that back fired. IMHO

End of QRP-L Digest 1146

